

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/553,603
Source: JFWP
Date Processed by STIC: 11/14/2006

ENTERED



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/553,603

DATE: 11/14/2006
TIME: 08:33:46

Input Set : A:\77817USW.APP
Output Set: N:\CRF4\11142006\J553603.raw

3 <110> APPLICANT: BRACHET, ANNE-GAELLE
 4 RIZO, PHILIPPE
 5 TABERLET, PIERRE
 6 TEXIER-NOGUES, ISABELLE
 8 <120> TITLE OF INVENTION: METHOD OF PREPARING DNA FRAGMENTS BY SELECTIVE
 9 FRAGMENTATION OF NUCLEIC ACIDS AND APPLICATIONS THEREOF
 11 <130> FILE REFERENCE: 70078.0017USWO
 13 <140> CURRENT APPLICATION NUMBER: 10/553,603
 14 <141> CURRENT FILING DATE: 2005-10-18
 16 <150> PRIOR APPLICATION NUMBER: PCT/FR04/000963
 17 <151> PRIOR FILING DATE: 2004-04-19
 19 <150> PRIOR APPLICATION NUMBER: FR 0304893
 20 <151> PRIOR FILING DATE: 2003-04-18
 22 <160> NUMBER OF SEQ ID NOS: 37
 24 <170> SOFTWARE: PatentIn Ver. 3.3
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 15
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 33 oligonucleotide
 35 <400> SEQUENCE: 1
 36 ggaaggcttag ctgga 15
 39 <210> SEQ ID NO: 2
 40 <211> LENGTH: 16
 41 <212> TYPE: DNA
 42 <213> ORGANISM: Artificial Sequence
 44 <220> FEATURE:
 45 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 46 oligonucleotide
 48 <400> SEQUENCE: 2
 49 ggaaggcttag ctggac 16
 52 <210> SEQ ID NO: 3
 53 <211> LENGTH: 20
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 55 <213> ORGANISM: Artificial Sequence
 57 <220> FEATURE:
 58 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 59 oligonucleotide
 61 <400> SEQUENCE: 3
 62 aattctccag cttaggcttcc
 65 <210> SEQ ID NO: 4 20

(P8-6)

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66 <211> LENGTH: 14
67 <212> TYPE: DNA
68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
72 oligonucleotide
74 <400> SEQUENCE: 4
75 ggtgagcact catc 14
78 <210> SEQ ID NO: 5
79 <211> LENGTH: 16
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
85 oligonucleotide
87 <400> SEQUENCE: 5
88 gatgagtgct gacctt 16
91 <210> SEQ ID NO: 6
92 <211> LENGTH: 16
93 <212> TYPE: DNA
94 <213> ORGANISM: Artificial Sequence
96 <220> FEATURE:
97 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
98 primer
100 <400> SEQUENCE: 6
101 ctttcggatc gacctg 16
104 <210> SEQ ID NO: 7
105 <211> LENGTH: 16
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
111 primer
113 <400> SEQUENCE: 7
114 ctactcacga gtggaa 16
117 <210> SEQ ID NO: 8
118 <211> LENGTH: 16
119 <212> TYPE: DNA
120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
124 oligonucleotide
126 <400> SEQUENCE: 8
127 gacgatgagt cctgac 16
130 <210> SEQ ID NO: 9
131 <211> LENGTH: 18
132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial Sequence
135 <220> FEATURE:

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136 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
137 oligonucleotide
139 <400> SEQUENCE: 9
140 cggtcaggac tcatcgac 18
143 <210> SEQ ID NO: 10
144 <211> LENGTH: 18
145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
150 oligonucleotide
152 <400> SEQUENCE: 10
153 aattggtagc cagtctac 18
156 <210> SEQ ID NO: 11
157 <211> LENGTH: 14
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
163 oligonucleotide
165 <400> SEQUENCE: 11
166 gtagactgcg tacc 14
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171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
176 primer 18
178 <400> SEQUENCE: 12
179 gacgatgagt cctgaccg
182 <210> SEQ ID NO: 13
183 <211> LENGTH: 18
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
189 primer
191 <400> SEQUENCE: 13
192 gtagactgcg taccaatt 18
195 <210> SEQ ID NO: 14
196 <211> LENGTH: 28
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
202 oligonucleotide
204 <220> FEATURE:
205 <221> NAME/KEY: modified_base

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Input Set : A:\77817USW.APP

Output Set: N:\CRF4\11142006\J553603.raw

206 <222> LOCATION: (22)..(28)
207 <223> OTHER INFORMATION: a, c, g, t, unknown or other
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214 <211> LENGTH: 28
215 <212> TYPE: DNA
216 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
219 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
220 oligonucleotide
222 <220> FEATURE:
223 <221> NAME/KEY: modified_base
224 <222> LOCATION: (26)..(28)
225 <223> OTHER INFORMATION: a, c, g, t, unknown or other
227 <400> SEQUENCE: 15
W--> 228 ggaaggcctag ctggacaaatt ccraacnnn 28
231 <210> SEQ ID NO: 16
232 <211> LENGTH: 29
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
238 oligonucleotide
240 <220> FEATURE:
241 <221> NAME/KEY: modified_base
242 <222> LOCATION: (27)..(29)
243 <223> OTHER INFORMATION: a, c, g, t, unknown or other
245 <400> SEQUENCE: 16
W--> 246 ggaaggcctag ctggacaaatt cttcacnnn 29
249 <210> SEQ ID NO: 17
250 <211> LENGTH: 28
251 <212> TYPE: DNA
252 <213> ORGANISM: Artificial Sequence
254 <220> FEATURE:
255 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
256 oligonucleotide
258 <220> FEATURE:
259 <221> NAME/KEY: modified_base
260 <222> LOCATION: (26)..(28)
261 <223> OTHER INFORMATION: a, c, g, t, unknown or other
263 <400> SEQUENCE: 17
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267 <210> SEQ ID NO: 18
268 <211> LENGTH: 17
269 <212> TYPE: DNA
270 <213> ORGANISM: Artificial Sequence
272 <220> FEATURE:
273 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

RAW SEQUENCE LISTING DATE: 11/14/2006
PATENT APPLICATION: US/10/553,603 TIME: 08:33:46

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Output Set: N:\CRF4\11142006\J553603.raw

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274      oligonucleotide
276 <220> FEATURE:
277 <221> NAME/KEY: modified_base
278 <222> LOCATION: (1)
279 <223> OTHER INFORMATION: a, c, g, t, unknown or other
281 <400> SEQUENCE: 18
W--> 282 naaggtgagc actcatc 17
285 <210> SEQ ID NO: 19
286 <211> LENGTH: 20
287 <212> TYPE: DNA
288 <213> ORGANISM: Artificial Sequence
290 <220> FEATURE:
291 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
292      oligonucleotide
294 <400> SEQUENCE: 19
295 gatcctccag ctaggcttcc 20
298 <210> SEQ ID NO: 20
299 <211> LENGTH: 28
300 <212> TYPE: DNA
301 <213> ORGANISM: Artificial Sequence
303 <220> FEATURE:
304 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
305      oligonucleotide
307 <220> FEATURE:
308 <221> NAME/KEY: modified_base
309 <222> LOCATION: (22)..(28)
310 <223> OTHER INFORMATION: a, c, g, t, unknown or other
312 <400> SEQUENCE: 20
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316 <210> SEQ ID NO: 21
317 <211> LENGTH: 27
318 <212> TYPE: DNA
319 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
322 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
323      oligonucleotide
325 <220> FEATURE:
326 <221> NAME/KEY: modified_base
327 <222> LOCATION: (25)..(27)
328 <223> OTHER INFORMATION: a, c, g, t, unknown or other
330 <400> SEQUENCE: 21
W--> 331 ggaaggccttag ctggacgatc cracnnn 27
334 <210> SEQ ID NO: 22
335 <211> LENGTH: 27
336 <212> TYPE: DNA
337 <213> ORGANISM: Artificial Sequence
339 <220> FEATURE:
340 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
341      oligonucleotide

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RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:14; N Pos. 22,23,24,25,26,27,28
Seq#:15; N Pos. 26,27,28
Seq#:16; N Pos. 27,28,29
Seq#:17; N Pos. 26,27,28
Seq#:18; N Pos. 1
Seq#:20; N Pos. 22,23,24,25,26,27,28
Seq#:21; N Pos. 25,26,27
Seq#:22; N Pos. 25,26,27
Seq#:23; N Pos. 25,26,27
Seq#:24; N Pos. 26,27,28
Seq#:25; N Pos. 25,26,27
Seq#:27; N Pos. 21,22,23,24,25,26,27
Seq#:28; N Pos. 22,23,24,25,26,27
Seq#:29; N Pos. 22,23,24,25,26,27
Seq#:30; N Pos. 22,23,24,25,26,27
Seq#:33; N Pos. 7,8,9,10,11,12,13,14,15,16
Seq#:34; N Pos. 6,7,8,9,10,11,12,13,14,15
Seq#:35; N Pos. 7,8,9,10,11,12,13,14,15,16,17
Seq#:36; N Pos. 6,7,8,9,10,11,12,13,14

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/553,603

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Input Set : A:\77817USW.APP
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L:210 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:264 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:331 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:367 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
L:434 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:452 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:470 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:488 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:532 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:550 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:568 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
L:586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0